

LITERATURE CITED

A Reminiscent History of the Ozark Region: A condensed general history, a brief descriptive history of each county, and numerous biographical sketches of prominent citizens of such counties. 1956. Cape Girardeau, MO.

Alan Buchanan 1995. Atrazine in Missouri waters. Unpublished memorandum. Missouri Department of Conservation.

-- 1995. Contaminant levels in Missouri fish: 1994. Missouri Department of Conservation, Fisheries Research Division, Columbia Missouri. Printout from the contaminant database.

-- 1998. Contaminant levels in Missouri fish: 1998. Missouri Department of Conservation, Fisheries Research Division, Columbia Missouri. Printout from the contaminant database.

Blanc, T. J., M. Caldwell, M. Hawks. 1998. Meramec River watershed demonstration project. Funded by: US Environmental Protection Agency. Missouri Department of Conservation, Sullivan and Columbia, MO. November 1998.

Blanc, T. J. 1999. Bourbeuse River watershed inventory and assessment. Missouri Department of Conservation, Fisheries Division, Sullivan, MO.

<http://www.conservation.state.mo.us/fish/watershed/bourbeuse/contents/500cotxt.htm>

Bulkley, R.V., R.L. Kellogg, and L.R. Shannon 1976. Size-related factors associated with Dieldrin concentrations in muscle tissue of channel catfish *Ictalurus punctatus*. Transactions of the American Fisheries Society. 105(2):301-07.

-- 1981. Missouri pollution and fish kill investigations 1980. Missouri Department of Conservation, Fish and Wildlife Research Center, Columbia, Missouri.

CARES 1996. Critical watersheds as defined by the Missouri Clean Water Commission (MDNR 10 CSR 20-7.010). Originator: CARES, MDNR; Scale:1:24,000. Based on basin series used in the Missouri Water Atlas 1986. <http://www.cares.missouri.edu/cwic/mowater/wshed6.html> Date of access: July 26, 1999.

CARES (Center for Agricultural, Resource and Environmental Systems) 1997a. Selected chemical sites in Missouri (areas). Originator: CARES, MDNR; Scale: 1:24,000. Based on basin series used in the Missouri Water Atlas 1986. <http://www.cares.missouri.edu/cwic/mowater/chemdeal6.html> Date of access: July 26, 1999.

CARES 1997b. Selected past & present pesticide applicators and operators (points). Originator: CARES, MDNR; Scale: 1:24,000. Based on basin series used in the Missouri Water Atlas 1986. <http://www.cares.missouri.edu/cwic/mowater/chemdeal6.html> Date of access: July 26, 1999.

CARES 1999c. Special Area Land Treatment (SALT) watersheds, EARTH Project watersheds, Originator: CARES, NRCS/MDNR Scale:1:24,000. Based on basin series used in the Missouri Water Atlas 1986. <http://www.cares.missouri.edu/cwic/mowater/wsheds6.html> Date of access: July 26, 1999.

CARES 1997d. Public water supply facilities. Originator: CARES, NRCS/MDNR; Scale:1:24,000.

Based on basin series used in the Missouri Water Atlas 1986.

<http://www.cares.missouri.edu/cwic/mowater/pwsfac6.html> Date of access: July 26, 1999.

Cowardin, L. M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deepwater habitat of the United States. U.S. Fish and Wildlife Service, Washington, D.C. 131 pp.

Crunkilton, Ronald L. and Czarnezki, J. M. 1982. Missouri pollution, fish kill and water quality research investigations 1981. Missouri Department of Conservation, Fish and Wildlife Research Center, Columbia, Missouri.

Currier, M.P. 1989. Missouri natural feature inventory: Dallas, Greene, Hickory, Polk, and Webster counties. Natural History Division, Missouri Department of Conservation, Jefferson City, MO.

Currier, M.P. 1991. Missouri natural feature inventory: Camden, Cole Cooper, Gasconade, Maries, Moniteau, Morgan, and Osage counties. Natural History Division, Missouri Department of Conservation, Jefferson City, MO.

Dake, C. L. 1918. The sand and gravel resources of Missouri. Missouri Bureau of Geology and Mines, Rolla, Missouri.

Ducharme, Charles B. and Miller, Todd M., 1996. Missouri state water plan series- Volume IV, Water use in Missouri, Missouri Department of Natural Resources, Division of Geology and Land Survey, Water Resources Report Number 48, 150p.

Duchrow, Richard M. 1978. An inventory of point and non-point water pollution sources in Missouri with notes regarding their impact upon fish and other aquatic resources. 208 Water Quality Report. Missouri Department of Conservation, Columbia, Missouri.

— 1991. Missouri pollution and fish kill investigations 1990. Missouri Department of Conservation, Columbia, Missouri.

— 1997. Report of pollution and fish kill investigation at Waynesville/Robertsville, Pulaski County. Sedimentation from construction sites into Roubidoux Creek. Event date: 3/13/99. Missouri Department of Conservation, Columbia, Missouri

East Central Regional Coordination Team (EC RCT) 1998. Regional Management Guidelines for the East Central Region. Missouri Department of Conservation, East Central Region, Sullivan MO.

EPA Surf Your Watershed 1999. Upper Gasconade USGS Cataloging Unit: 10290201: Environmental Profile. <http://www.epa.gov/surf2/hucs/10290201/> Date of access: July 26, 1999.

Eubank, W. et al. 1993. Bacteria in drinking water. University Extension, University of Missouri-System WQ 102.

EPA Surf Your Watershed 1999. Lower Gasconade USGS Cataloging Unit: 10290203: Environmental Profile. <http://www.epa.gov/surf2/hucs/10290203/> Date of access: July 26, 1999.

Finger S. E., B. C. Poulton and S. A. Humphrey 1990. Effects of a crude oil spill on the benthic invertebrate community on the Gasconade River, Missouri. National Fisheries Contaminant Research Center, Columbia, MO 65201.

- Fleener, G. G. 1982. Recreational use of Gasconade. Missouri Department of Conservation. Jefferson City, MO. Final Report. Dingell-Johnson Project F-1-R-30. Study S-21. Date Prepared: July 14, 1982.
- Funk, J. L. 1968. Missouri's fishing streams. D-J series No. 5. Missouri Department of Conservation. Jefferson City, Missouri.
- Epperson, J. E. 1992. Missouri wetlands: a vanishing resource. Missouri Department of Natural Resources, Division of Geology and Land Survey, Rolla, Missouri.
- Goodspeed Publishing Co., 1889. History of Laclede, Camden, Dallas, Webster, Wright, Texas, Pulaski, Phelps, and Dent counties. 1219 pp.
- Hauth, L. D. 1974. Technique for estimating the magnitude and frequency of Missouri floods. U.S. Geological Survey, Rolla, Missouri.
- Hebrank, A. W. 1989. Geologic natural features classification system for Missouri. Natural Areas Journal 9(2): 106-116.
- Imes, J.L., J. G. Schumacher, and M. J. Kleeshulte. 1996. Geohydrologic and water-quality assessment of the Fort Leonard Wood Military Reservation, Missouri, 1994-95. USGS Water Resources Investigations Report 96-4270.
- Jacobson, R. B. and A. T. Primm. 1994. Historical land-use changes and potential effects of stream disturbance in the Ozark Plateaus, Missouri. U.S. Geological Survey Open-File Report 94-333. U.S. Geological Survey, Rolla, Missouri.
- Jacobson, R. B. and A. L. Pugh 1997. **Riparian vegetation controls on the spatial pattern of stream-channel instability, Little Piney Creek, Missouri:** U.S. Geological Survey Water-supply Paper 2494.
- Kromrey, G. 1990. Adult fish survey of the Gasconade River. Missouri Department of Conservation, Sullivan MO. November 15, 1990.
- McGrath, K.E. 1988. Contaminant levels in Missouri Fish -- 1986. Missouri Department of Conservation, Columbia, Missouri.
- Missouri Agricultural Statistics Service (MASS). 1997. Missouri farm facts. Missouri Agricultural Statistics Service, Columbia, Missouri.
- Missouri Agricultural Statistics Service (MASS). 1997. County Agri-facts. Missouri Agricultural Statistics Service, Missouri Department of Agriculture, Columbia, Missouri.
- Missouri Department of Conservation. 1991a. Rare and endangered species of Missouri checklist. Missouri Department of Conservation, Jefferson City, Missouri.
- Missouri Department of Conservation. 1991b. Gasconade River public use and benefits survey, Summer 1989. Missouri Department of Conservation, Jefferson City, Missouri.
- Missouri Department of Conservation. 1991c. Stream Gravel Removal Guidelines. December 1991. Missouri Department of Conservation, Jefferson City, Missouri.
- Missouri Department of Conservation. 1993. Helicopter video tape of Gasconade River from Jerome,

MO to river mouth. Flight date: February 22, 1993. Missouri Department of Conservation, Sullivan, Missouri.

— 1995. Stamp of character – from trees to tracks. Missouri Department of Conservation, Media Library, Jefferson City, MO.

— 1995a. Pflieger's fish and crayfish collections. Missouri Department of Conservation Fisheries Research Section, Columbia, Missouri.

— 1995b and 1999. Missouri benthos collections. Missouri Department of Conservation Fisheries Research Section, Columbia, Missouri.

— 1996. Sensitive species and high-quality natural communities known from the Bourbeuse River basin. Printout of the Missouri Natural Heritage Database, Missouri Department of Conservation, Jefferson City, Missouri.

— 1997. Guidelines for recommending stream side management zones on private land. Fisheries Division, Missouri Department of Conservation. Memorandum from Norm Stucky, April 30, 1997.

— 1999. Stream environmental review database. Summary dataset. Missouri Department of Conservation, East Central Region Fisheries, Sullivan, Missouri.

Missouri Department of Natural Resources (MDNR). 1979. Geologic map of Missouri. Missouri Department of Natural Resources, Division of Geology and Land Survey, Rolla, Missouri.

Missouri Department of Natural Resources (MDNR). 1984, 1997. Missouri water quality basin plans. Volume 4. Osage and Gasconade Rivers. Missouri Department of Natural Resources, Jefferson City, Missouri.

— 1986. Missouri water atlas. Missouri Department of Natural Resources, Jefferson City, Missouri

— 1994a. Rules of Department of Natural Resources, Division 20 - Clean Water Commission. Chapter 7 - Water Quality. 10 CSR 20-7.010. Code of State Regulations, Office of Secretary of State, Jefferson City, Missouri.

— 1994b. Missouri water quality report 1994. Missouri Department of Natural Resources. Jefferson City, Missouri.

— 1994c. Rules of Department of Natural Resources, Division 40 - Land Reclamation Commission. Chapter 10 - Permit and Performance Requirements for Industrial Mineral Open Pit and In-Stream Sand and Gravel Operations, CSR 40-10.020 (2)(D). Code of State Regulations, Office of Secretary of State, Jefferson City, Missouri.

— 1999a. Active permits: Operation and construction permits for animal waste facilities for classes of operation. Print out from the Division of Water Pollution Control, October 1, 1999.

— 1999b. Inventory of Mine Occurrences and Prospects (IMOP) Database. Database printout of counties in the Gasconade Watershed. Missouri Department of Natural Resources, Geologic Survey Program, PO Box 250, Rolla, MO 65402.

- 1999c. Solid Waste Management Program. Information pertaining to solid waste management facilities. Sanitary landfills in Missouri, closed facilities, and inactive facilities.
<http://www.dnr.state.mo.us/deq/swmp/homeswmp.htm> Date of Access: November 8, 1999.
- Missouri Unified Watershed Assessment Steering Committee. 1998. State of Missouri Unified Watershed Assessment. Final Report. C/o USDA-Natural Resources, Conservation Service Parkade Center, Suite 250, 601 Business Loop 70 West, Columbia, MO 65203-2546. September 28, 1998. <http://www.cares.missouri.edu/mowiap/> Date of Access: February 21, 2000.
- McKenney, R., R. B. Jacobson and R. C. Wertheimer. 1995. Woody vegetation and channel morphogenesis in low-gradient, gravel-bed streams in the Ozarks Region, Missouri and Arkansas: in Hupp, C., Ostercamp, W., and Howard, A. eds, *Biogeomorphology-terrestrial and freshwater aquatic systems*. *Geomorphology*, p. v. 7, pp 46-56.
- McKenney, Rose. 1997. Formation and maintenance of hydraulic habitat units in streams of the Ozark Plateaus, Missouri and Arkansas. Graduate Thesis. The Pennsylvania State University. The Graduate School. December 1997.
- McKenney, Rose and Robert B. Jacobson. 1996. Erosion and deposition at the riffle-pool scale in gravel-bed streams, Ozark Plateaus, Missouri and Arkansas, 1990–95. US Geological Survey Open-File Report 96-655A. Rolla, Missouri.
- MORAP 1997. Missouri Resource Assessment Partnership. Phase I Land Cover Map. December 1997.
- National Climatic Data Center (NCDC) 1999. National Climatic Data Center Online Line Climate and Weather Observations. Precipitation data by state for the period 1948-1997.
<http://www.ncdc.noaa.gov/ol/climate/coop-precip.html> Date of Access: October 25, 1999.
- Nelson, P. W. 1987. The terrestrial natural communities of Missouri. Missouri Department of Natural Resources, Jefferson City, Missouri.
- Ohunan, Marian M. 1983. A history of Missouri counties, county seats, and courthouse squares. University of MO-Columbia, Extension Division, Columbia, MO.
- OSEDA 1999. USDC, Bureau of the Census, Census of Agriculture. Accessed August 1999. County population information from: <http://www.oseda.missouri.edu/countypage/>
- Owens, L. B., W. M. Edwards, and R.W. Keuren 1996. Sediment losses from a pastured watershed before and after stream fencing. *Journal of Soil and Water Conservation* 51(1) 90-94.
- Owenby, J. R. and D. S. Ezell. 1992. Monthly station normals of temperature, precipitation, and heating and cooling degree days 1961-90 Missouri, *Climatography of the United States* No. 81, Asheville, North Carolina.
- Patrick, D. M., S. T. Ross, and P. D. Hartfield. 1993. Fluvial geomorphic considerations in the management and stewardship of fluvial ecosystems. *Riparian ecosystems in the humid U.S.: Functions, values and management*. Sheraton Colony Square, Atlanta, Georgia.
- Pflieger, William. 1989. Aquatic community classification system for Missouri. Aquatic Series No. 19. Missouri Department of Conservation, Jefferson City. 70 pp.

- Pflieger, William. 1990. An evaluation of the impacts of an oil spill on the fish fauna on the Gasconade River. Missouri Department of Conservation. Columbia, MO.
- Reno, Kyle, Rob Pullium, and Tom Priesendorf. 1995. Riparian Guidelines. Missouri Department of Conservation Memorandum. July 10, 1995.
- Roell, M. 1994. Considerations for recommending streamside protection zones in Missouri. Missouri Department of Conservation, Columbia.
- Roell, Michael J. 1999. Sand and gravel mining in Missouri stream systems: Aquatic resource effects and management alternatives. White paper. Missouri Department of Conservation, Conservation Resource Center, 1110 South College Avenue, Columbia, Missouri 65201.
- Ryan, J. and Timothy E. Smith. 1991. Missouri natural features inventory: Howell, Texas, and Wright counties. Missouri Department of Conservation, Jefferson City, Missouri.
- Ryan, J. 1992. Missouri natural features inventory: Phelps, Pulaski, and Laclede counties. Missouri Department of Conservation, Jefferson City, Missouri.
- Ryck, Frank. 1974. Missouri Stream Pollution Survey. Missouri Department of Conservation, Jefferson City, Missouri.
- Ryck, Frank. 1998. Planning Division MEMO: December 15, 1998. Missouri Department of Conservation, Jefferson City, Missouri.
- Sheffield, R.E. et al. 1996. Off-stream water sources for grazing cattle as a stream stabilization and water quality BMP. Presentation at the ASAE 1996 International Meeting, Phoenix, Arizona.
- Skelton, J. 1970. Base-flow recession characteristics and seasonal low-flow frequency characteristics for Missouri streams. Missouri Geological Survey and Water Resources, Water Report 25. Missouri Geological Survey, Rolla, Missouri, 43pp.
- Smith, B. W. 1990. Timber Resources of Missouri's Northwest Ozarks. Resource Bulletin NC-114. St. Paul, MN; U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 44 p.
- Soil Conservation Service (SCS). 1971. Soil survey of Dent County, Missouri. United States Department of Agriculture, Columbia, Missouri.
- Soil Conservation Service. 1990. Soil survey of Webster County, Missouri. United States Department of Agriculture, Columbia, Missouri.
- Soil Conservation Service. 1990. Soil survey of Pulaski County, Missouri. United States Department of Agriculture, Columbia, Missouri.
- U.S. Department of Agriculture and Soil Conservation Service. 1981. Watersheds in Missouri, based on water resources council hydrological units. United States Department of Agriculture, Soil Conservation Service, Columbia, Missouri.
- U.S. Department of Agriculture and Natural Resources Conservation Service. 1991. State Soils Geographic Database (STATSGO). United States Department of Agriculture, Conservation Service,

Columbia, Missouri.

USDA. 1998. Unified National Strategy for Animal Feeding Operations. Web Site:
<http://www.nhq.usda.gov/cleanwater/afo><http://www.nhq.nrcs.usda.gov/cleanwater/afo/> Access date:
January 19, 2000.

USDA Forest Service. 1999. 1998 Forest Health Highlights Missouri. Web Site:
http://willow.ncfes.umn.edu/states/fact_mo.htm Access date: January 19, 2000.

U.S. Department of the Army Corps of Engineers 1999. Regulatory Analysis Management System.
Database printout of Gasconade River watershed counties with sand and gravel mining permits for the
period 1992-99. US COE, Regulatory Office, Kansas City Missouri 64106.

United States Geological Survey (USGS). 1998. Water resources data, Missouri, Water Year 1997.
USGS Water-Data Report MO-96-1. USGS, Rolla, Missouri.

United States Geological Survey (USGS). 1999. Duration table of daily flow values at the Jerome Gage
Station # 06933500 for period October - September. Printout from the daily values statistical program.
USGS, Rolla, Missouri.

Vineyard, J. D., G. L. Feder, R. G. Lipscomb, and W. L. Pflieger. 1974. Springs of Missouri. Missouri
Geological Survey & Water Resources, U. S. Geological Survey, and Missouri Department of
Conservation.

Vandike, J. E. 1995. Surface water resources of Missouri. Missouri state water plan series. Volume 1.
Missouri Department of Natural Resources, Geology and Land Survey, Rolla, Missouri.

Wang, Lizhu, John Lyons, Paul Kanehl, and Ronald Gatti. Influences of watershed land use on habitat
quality and biotic integrity in Wisconsin streams. Fisheries Volume 22, No. 6, 1997.

Wehnes, Richard E. 1996. Private lands stream corridor policy. Missouri Department of Conservation
Fisheries Division. Jefferson City, MO.

Weithman, Stephen A. 1987. Missouri fish kill and water pollution investigations 1986. Missouri
Department of Conservation, Columbia, Missouri.